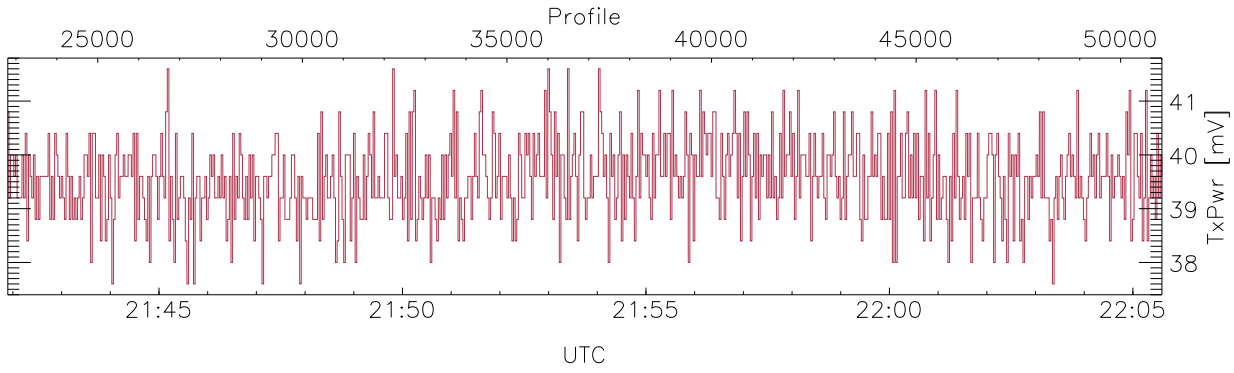
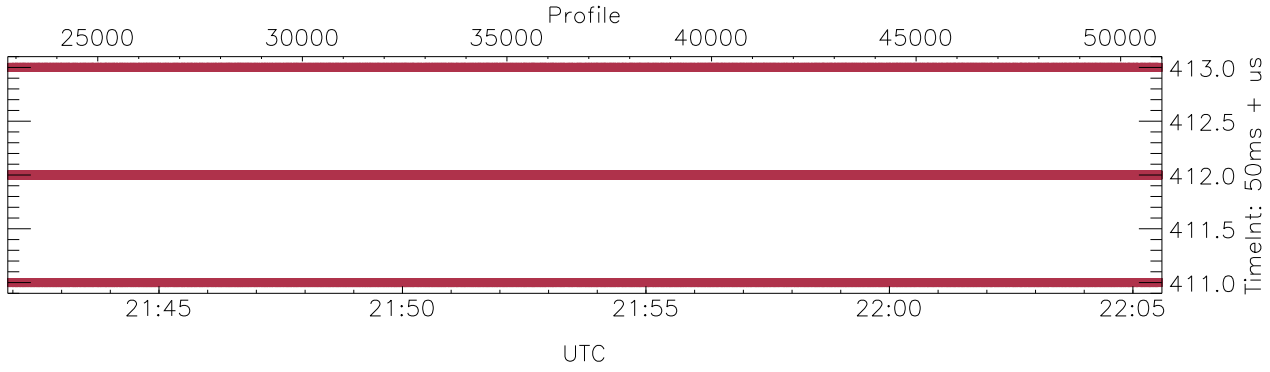
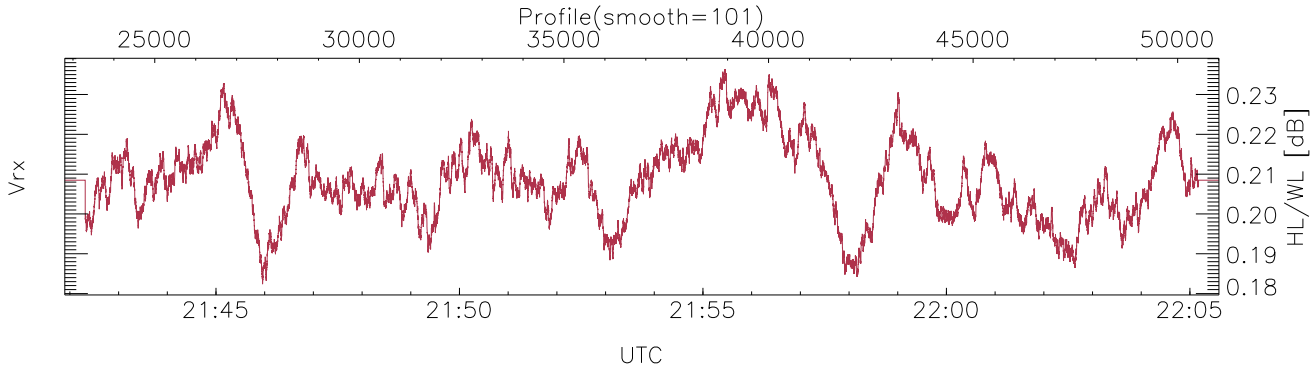
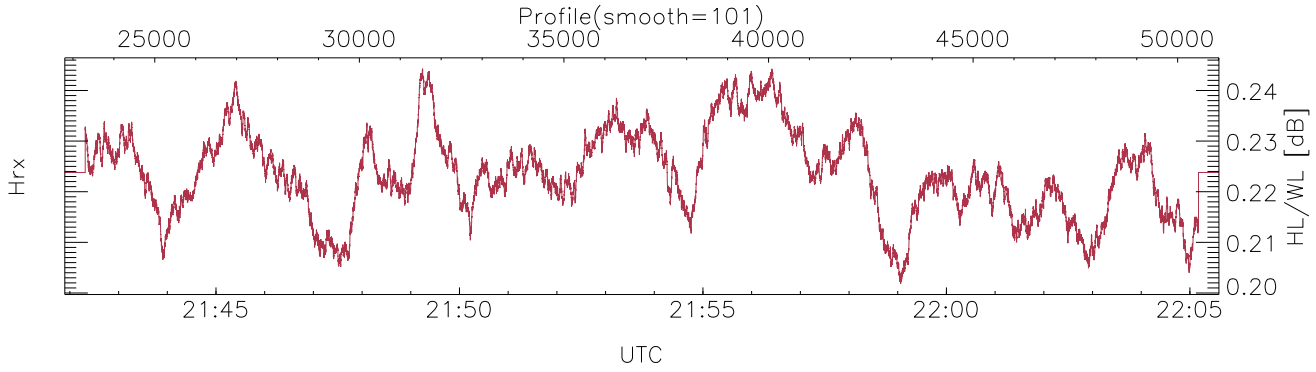


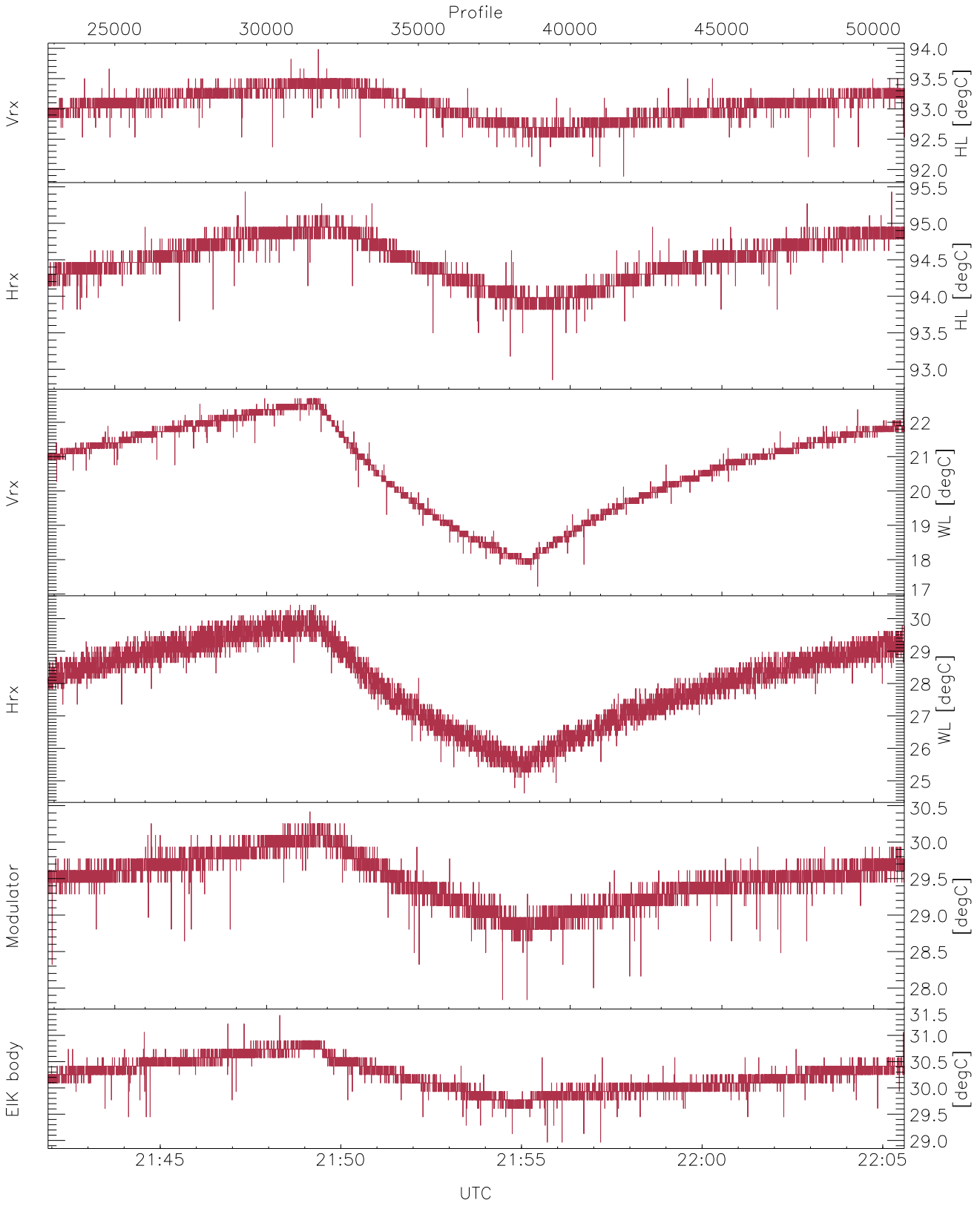






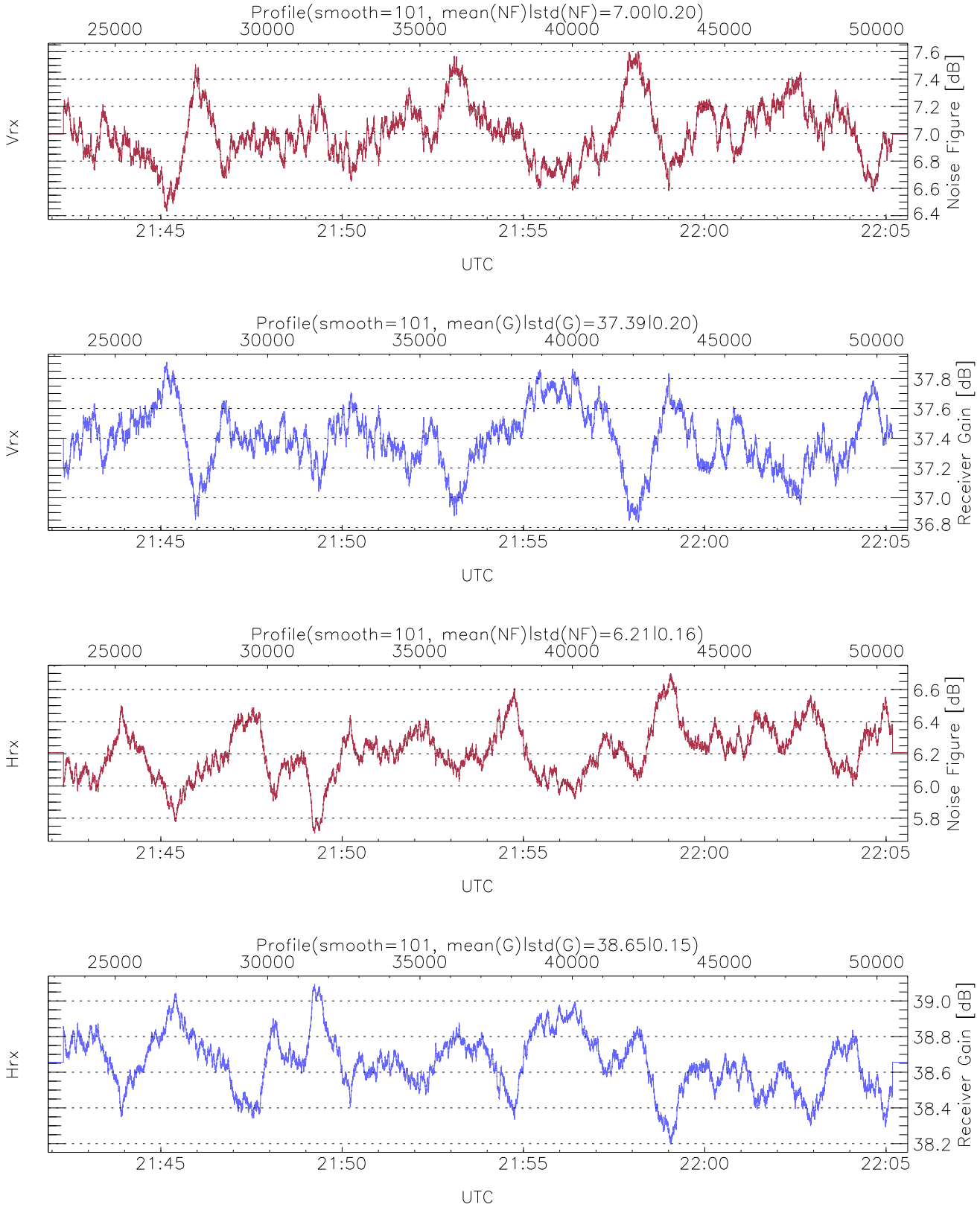
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:22:44-22:05:36, Dur: 2571.50s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 28210/51010, 22800-51009/21:41:54-22:05:36
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



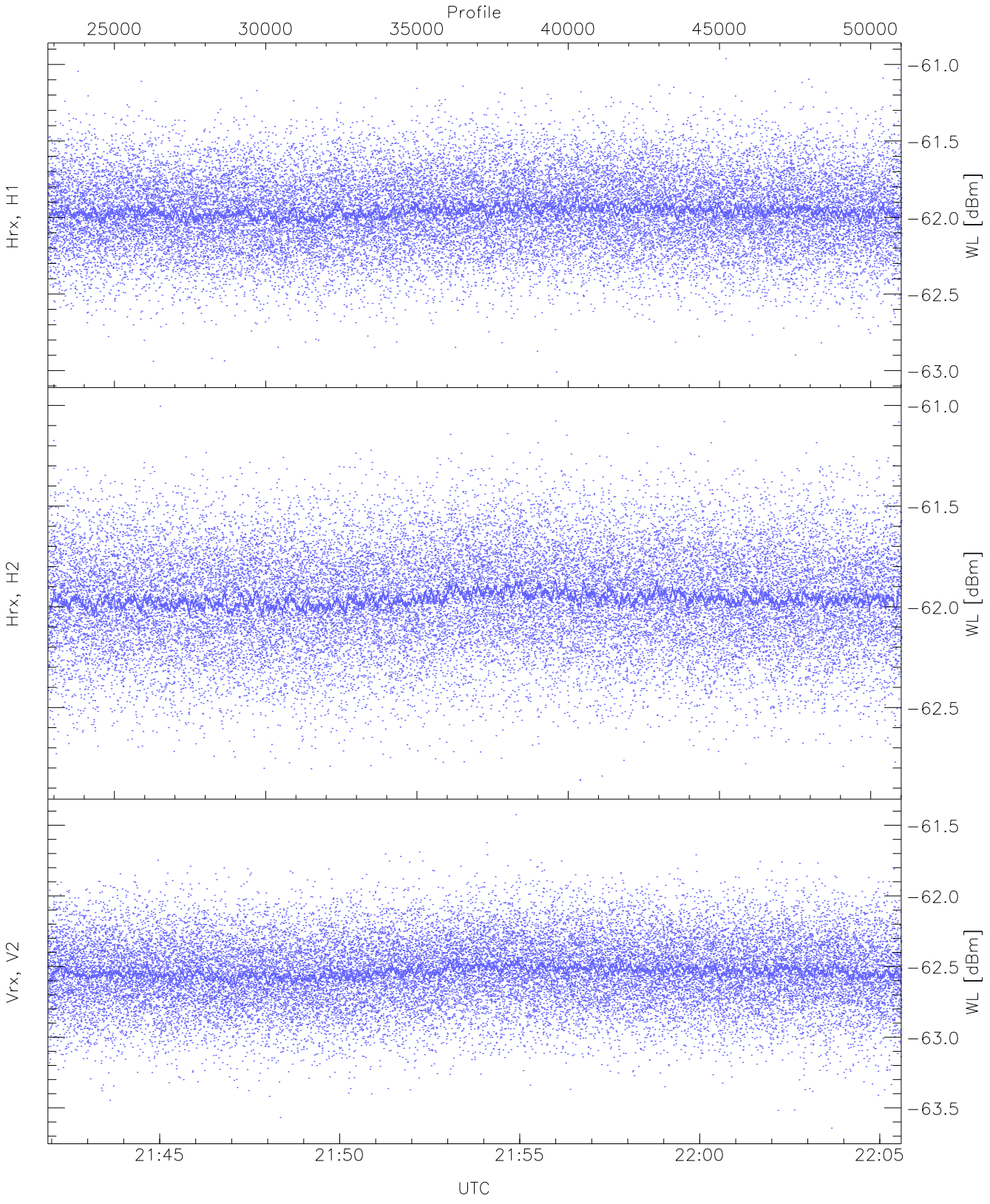
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,30,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,16)



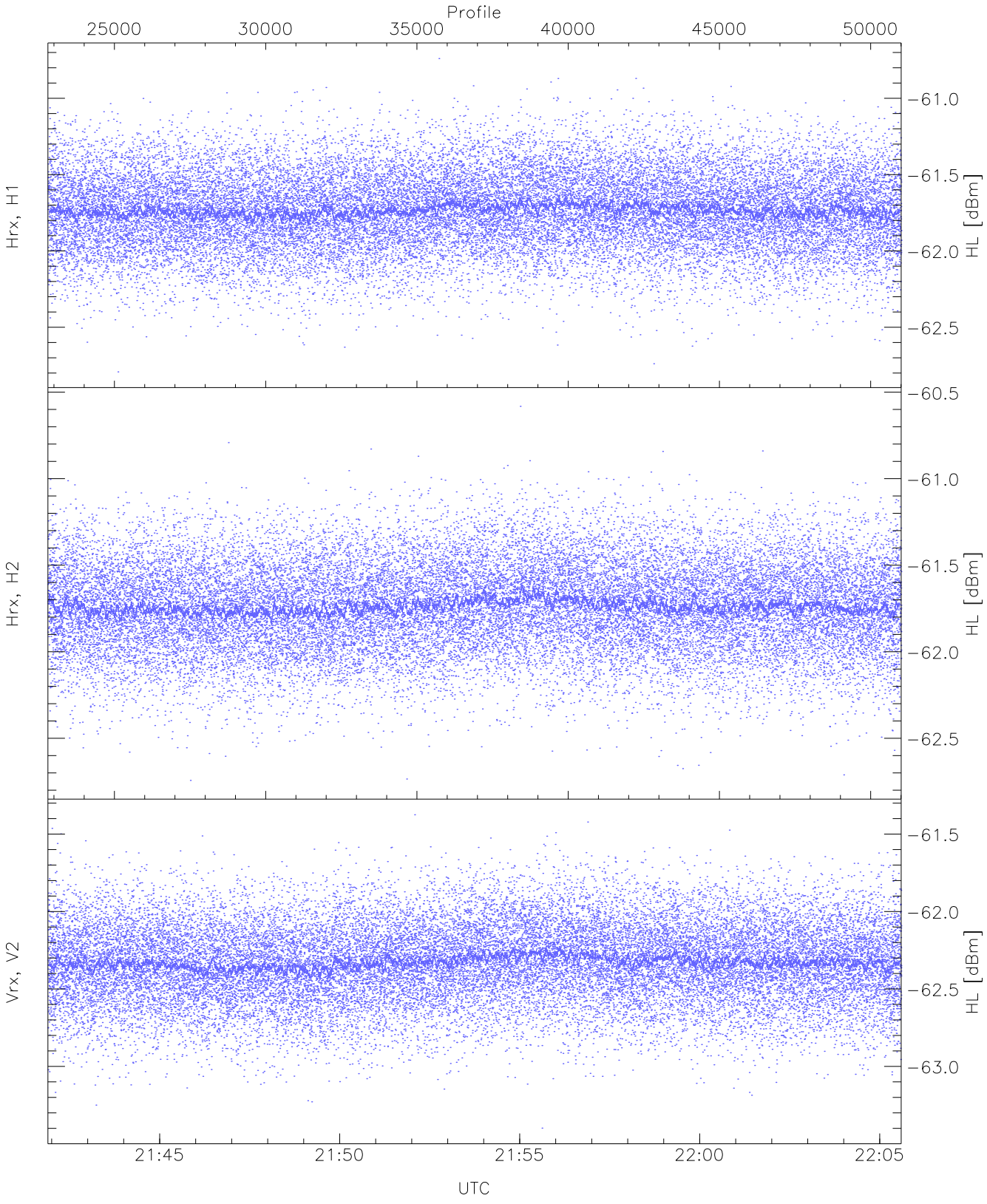
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1339 pixs, 14 gates, 1339 profs, 1 prods



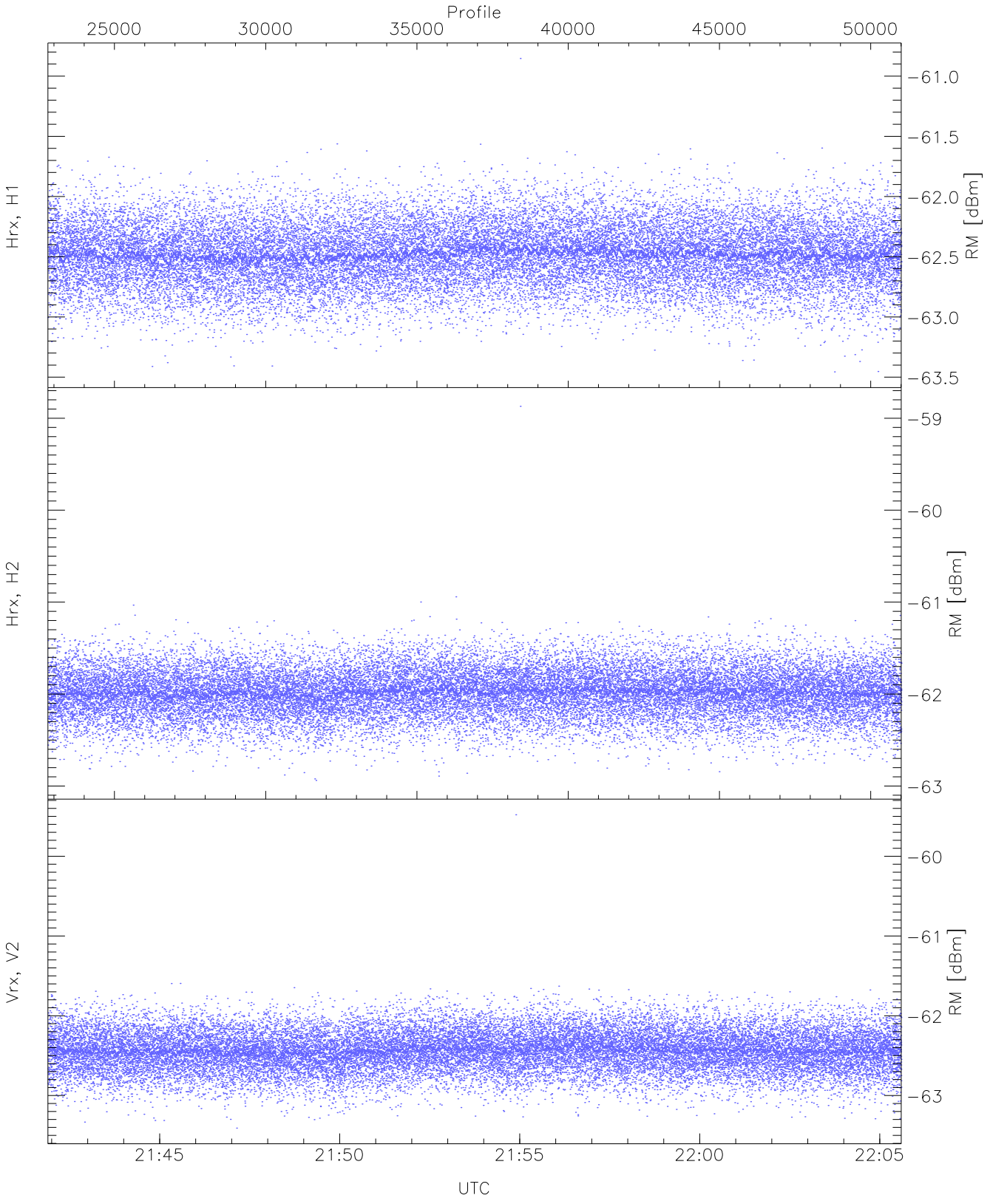
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.01	-60.96	-61.96	-61.96	-74.52
Hrx, H2(WL [dBm])	-62.86	-61.00	-61.96	-61.96	-74.54
Vrx, V2(WL [dBm])	-63.64	-61.43	-62.53	-62.54	-75.09



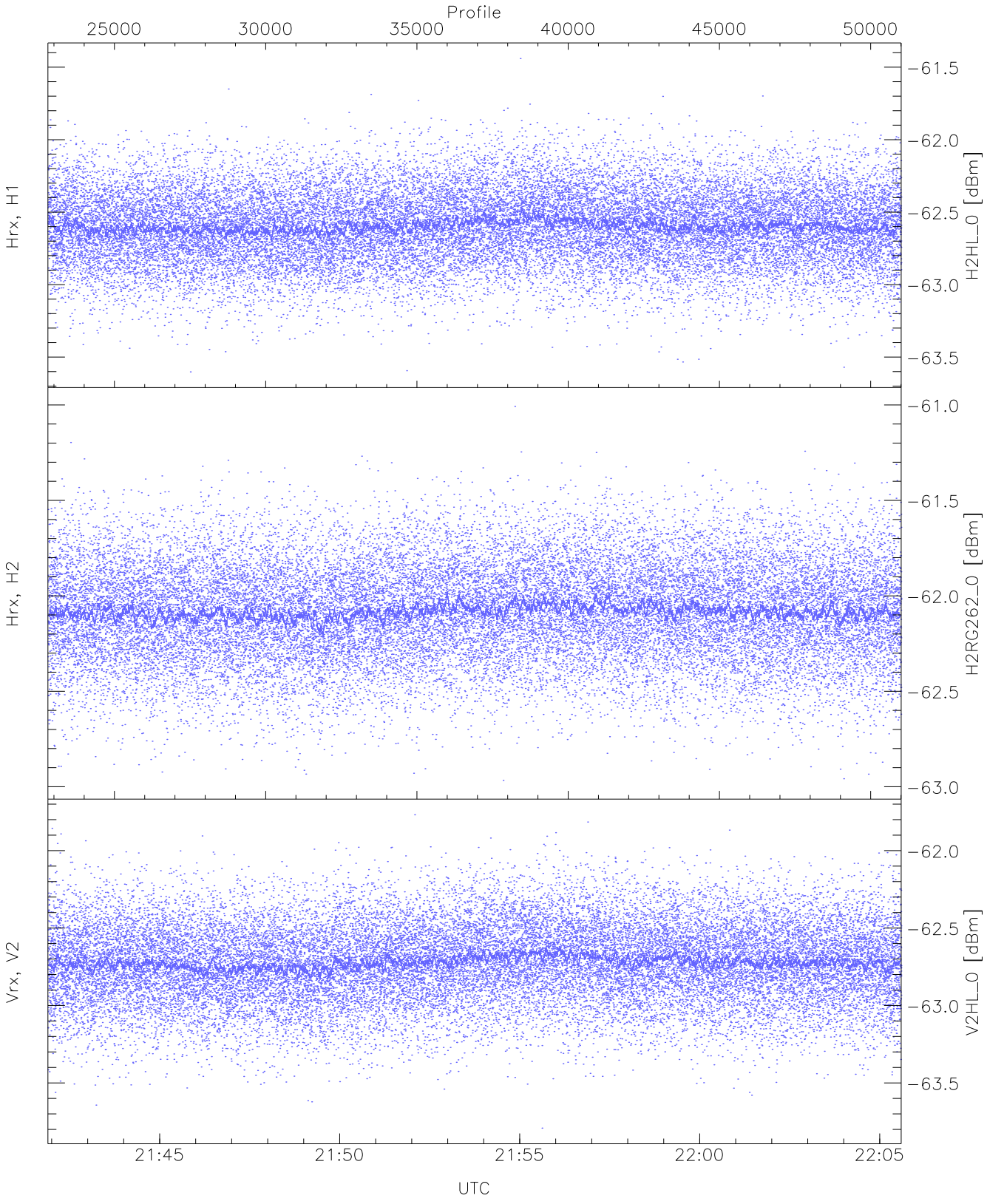
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.79	-60.74	-61.73	-61.74	-74.31
Hrx, H2(HL [dBm])	-62.74	-60.58	-61.74	-61.74	-74.28
Vrx, V2(HL [dBm])	-63.40	-61.38	-62.33	-62.33	-74.86



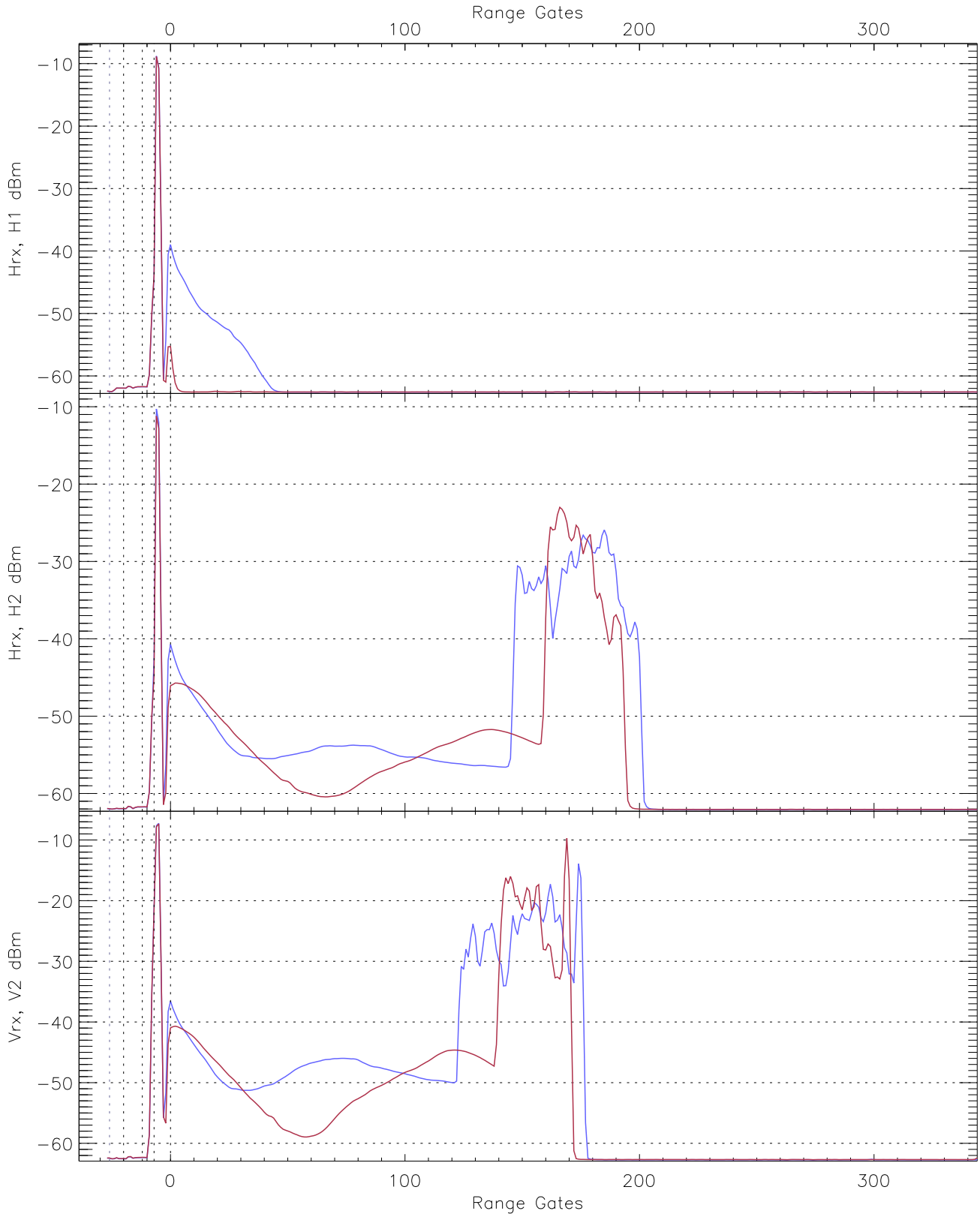
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.46	-60.85	-62.48	-62.48	-75.02
Hrx, H2(RM [dBm])	-62.94	-58.87	-61.98	-61.98	-74.51
Vrx, V2(RM [dBm])	-63.41	-59.48	-62.44	-62.44	-74.95

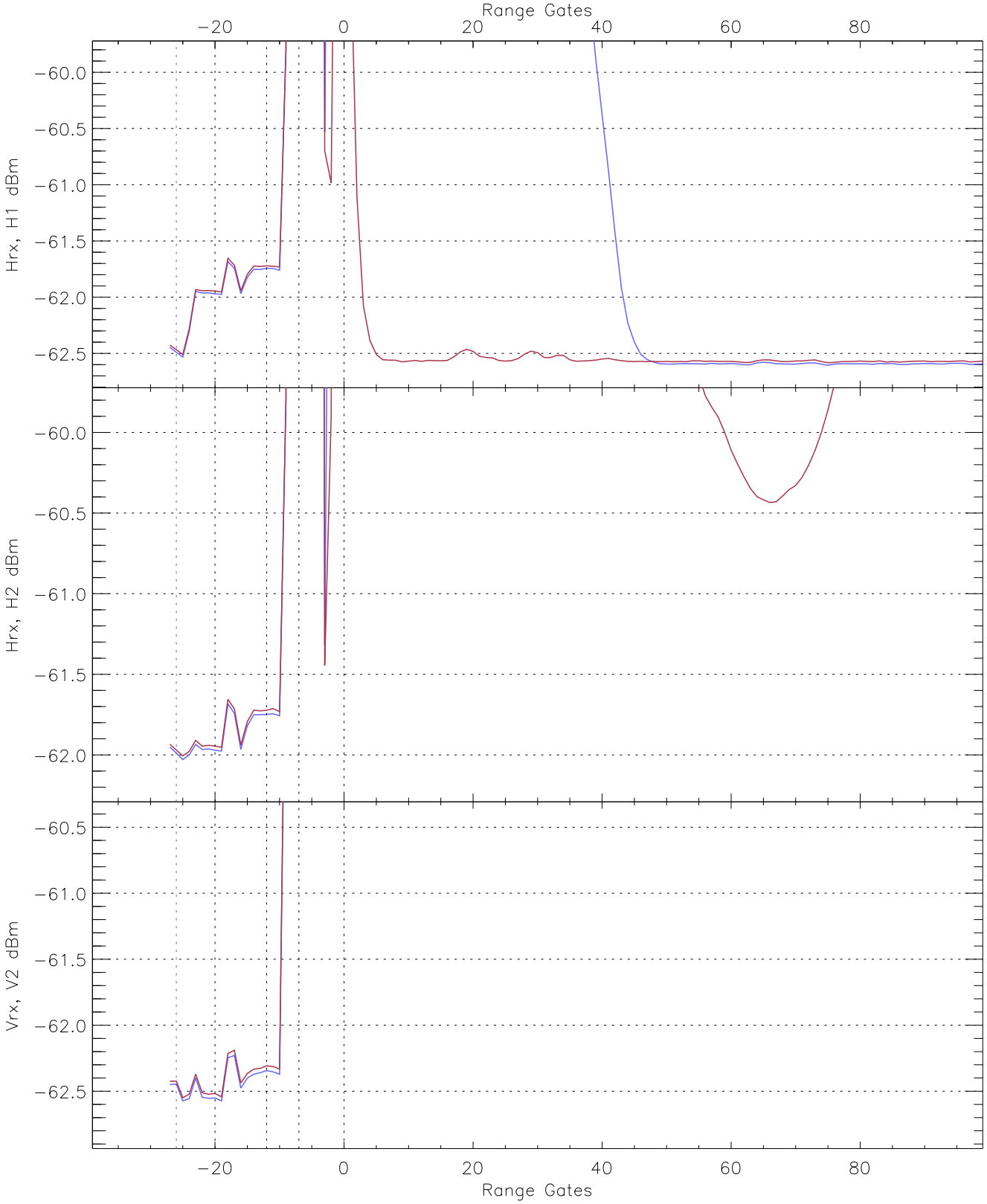


WCR2 CPP "Best" estimate Receivers Noise Power

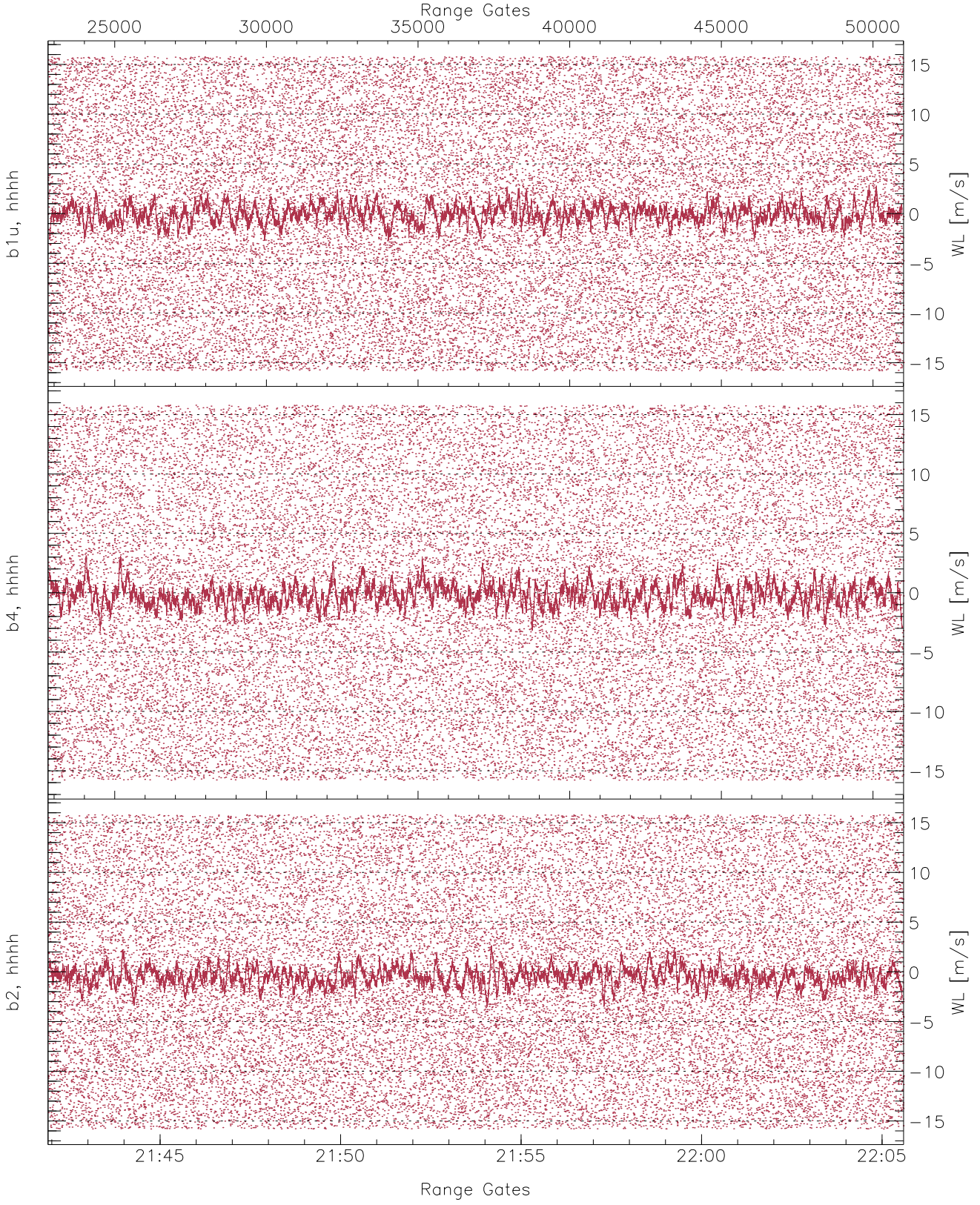
	Min	Max	Mean	Median	StDev
H2HL_0 [dBm]	-63.60	-61.44	-62.59	-62.60	-75.14
H2RG262_0 [dBm]	-62.97	-61.01	-62.08	-62.08	-74.63
V2HL_0 [dBm]	-63.79	-61.77	-62.72	-62.72	-75.26



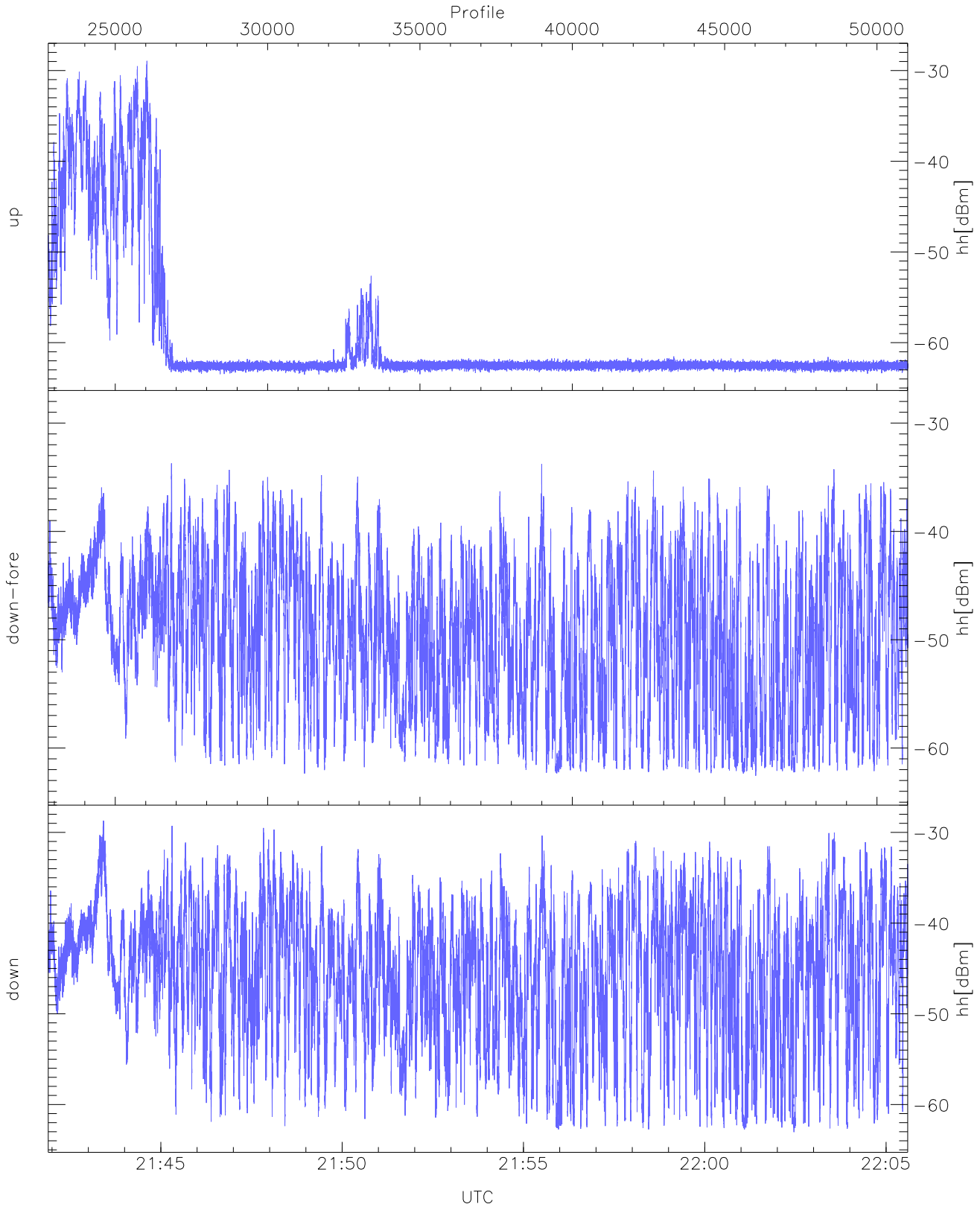
WCR2 CPP Averaged Received power for all recorded gates
blue: 214154-215345, 14106 profiles averaged
red: 215345-220536, 14105 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 214154-215345, 14106 profiles averaged
red: 215345-220536, 14105 profiles averaged

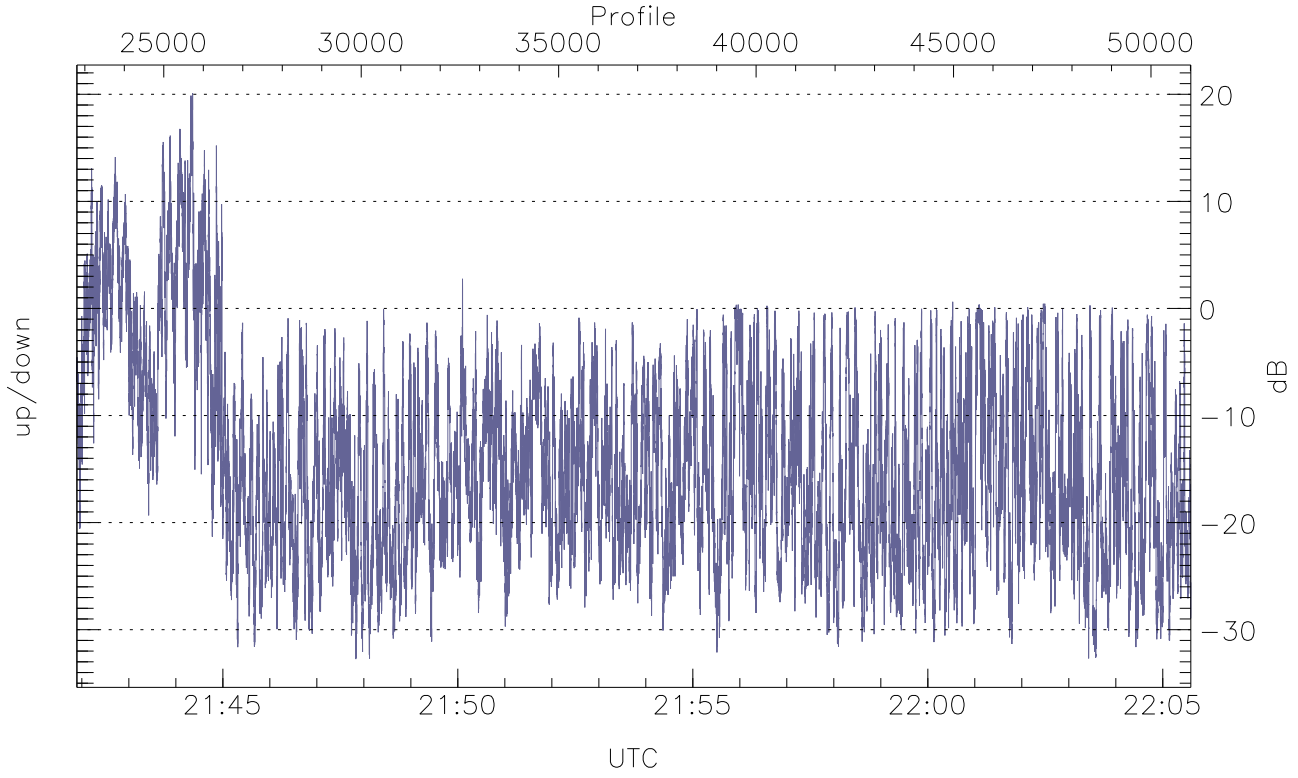


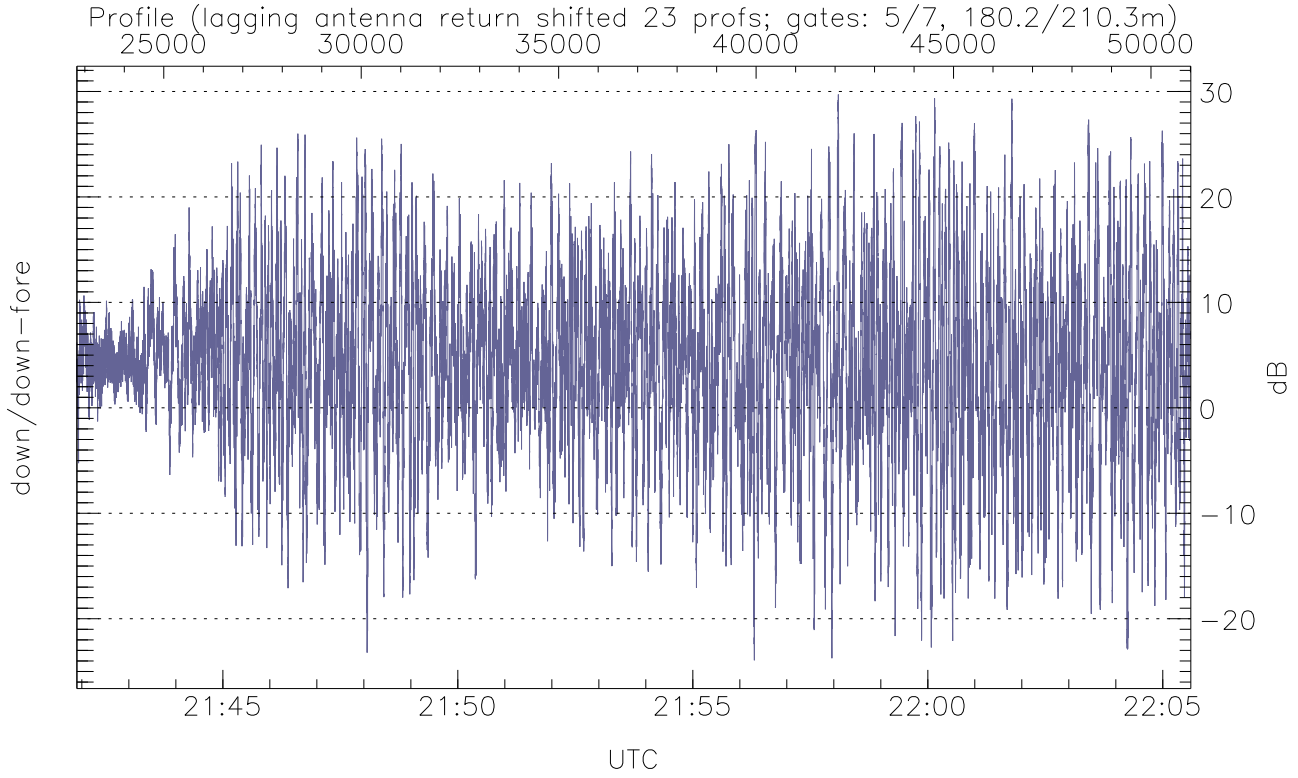
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

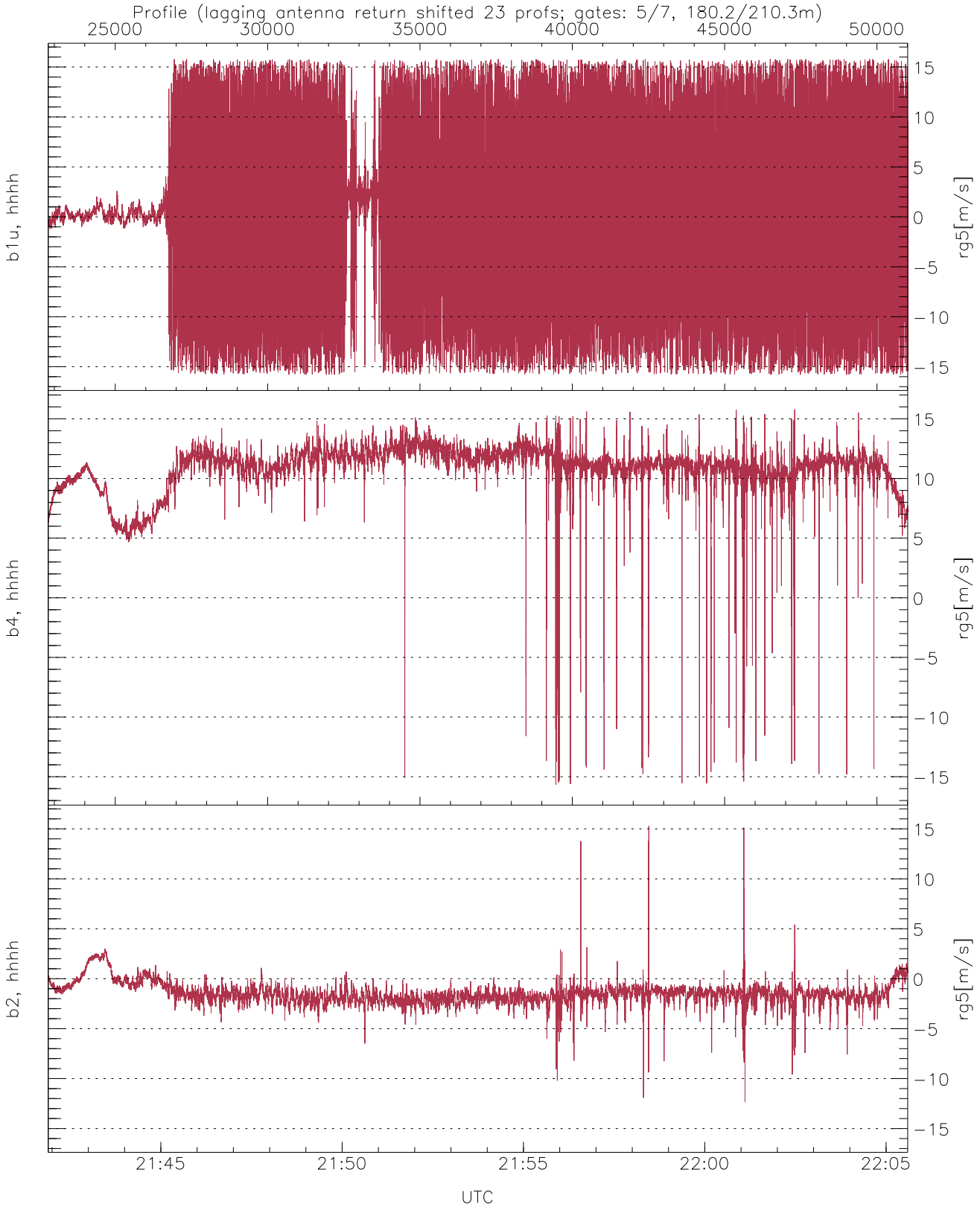
	Min	Max	Mean
up(hh[dBm])	-63.53	-28.93	-47.15
down-fore(hh[dBm])	-62.56	-33.72	-45.46
down(hh[dBm])	-63.04	-28.73	-41.05





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down(dB)	-32.74	20.09	-14.14
down/down-fore(dB)	-23.94	29.71	4.43



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.00	7.76
b4, hhhh(rg5[m/s])	-15.69	15.79	10.74	2.09
b2, hhhh(rg5[m/s])	-12.34	15.30	-1.46	1.08